Index of Claims

Application/Control No

10/650,481

Examiner

M. Scott Lowe

Applicant(s)/Patent under Reexamination

LOWRANCE ET AL.

Art Unit

3652

√	Rejected
=	Allowed

_	(Through numeral) Cancelled

Non-Elected N 1 Restricted Interference

Α	Appeal
0	Objected

Claim				<u> </u>				!	1											ш	_
The color of the	Cla	im.	1)ate	-		-	-		Cla	aim				1	Date		
(1) 51 2 53 3 4 5 53 6 54 7 55 6 56 7 57 60 59 10 60 11 61 12 62 63 63 14 64 15 65 16 66 17 67 68 69 20 70 21 72 23 73 24 74 24 74 27 77 28 79 30 80 31 81 32 79 30 80 31 81 86 86 79 30 80 33 34 84 35 85 </td <td></td> <td>,</td> <td>030</td> <td></td>		,	030																		
2 3 3 4 4 4 5 53 6 55 6 55 7 57 5 57 5 57 5 59 10 60 11 61 12 62 (13) 63 14 64 15 65 16 66 17 68 19 69 20 70 21 71 22 70 23 73 24 74 25 75 26 76 27 77 28 79 30 30 31 81 32 82 33 83 34 84 35 85 36 86 37 77 28 79		_	I -								_										
Same		Y	-	-		H		-		-	-			51		-		_	-	_	H
4 5 5 6 6 6 7 55 8 57 9 60 10 60 11 61 12 62 63 63 14 64 15 65 16 66 17 67 68 69 20 70 21 72 23 72 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 40 90 41 91 42 92	<u> </u>		₩	-		-			-	⊢	┝				-	_	_		-		-
5 6 7 7 6 7 7 7 55 56 57 7 58 59 10 60 11 61 12 62 63 63 14 64 15 65 16 66 17 67 68 69 20 70 21 71 22 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 32 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92	<u> </u>		Н	\vdash		\vdash	-	_		-			-	53		-		-	_	-	H
6 7 56 57 58 59 58 59 58 59 59 60 60 61 62 62 63 63 63 64 62 63 63 63 64 64 64 65 66 65 66 66 67 67 67 67 68 69 69 69 69 69 69 69 69 70 71 72 73 72 73 74 72 73 74 72 73 74 74 72 73 74 74 72 73 78 79 78 79 79 78 80 80 81 83 84 84 84 84 84 84 84 84 84 85 85 85 85 85 85 85 85 85 85 86 86 86 86 86 86 86 86 86 86 86 86 86 86 86 86 86 86 8			Н	\vdash			_				-										-
S		6	Н	-					\vdash					56			-			-	-
SB		7	+	\vdash					\vdash	_	_			57							H
10			+		-	\vdash				_	_									H	H
10		9	H	\vdash	-		-	-					-	59			_		-	\vdash	H
11 12 (13) 63 14 64 15 65 16 66 17 67 68 69 20 70 21 71 22 72 23 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 99			1	\vdash	┢	\vdash	_			_	\vdash	1				-	_		<u> </u>	H	T
12			1	\vdash	\vdash	\vdash	\vdash		-	-	_					-	<u> </u>			_	Г
(3) 63 14 65 15 66 16 67 (18) 68 19 69 20 70 21 72 22 72 23 73 74 74 25 75 26 77 28 78 29 79 30 80 31 81 32 82 33 84 35 85 36 86 37 87 38 88 39 90 40 90 41 91 42 92 43 94 45 96 47 97 48 99			+	_	_	\vdash	<u> </u>			\vdash	_	1							_	\vdash	
14 64 15 66 17 68 19 68 20 70 21 70 21 72 23 73 24 74 25 75 26 76 27 78 29 79 30 80 31 81 32 82 33 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 45 96 47 97 48 99		(13)	#	-	\vdash	_	-					ĺ						\vdash	Г	\vdash	一
15				 		 			\vdash		\vdash	1		64		-				Г	Г
16 17 66 67 68 19 68 69 70 71 71 72 72 72 73 74 74 74 75 75 76 77 78 78 79 78 79 79 78 79 79 80 81 82 83 83 83 83 83 83 84 84 84 85 86 86 87 88 89 90 90 90 90 <t< td=""><td></td><td></td><td>1</td><td>\vdash</td><td>\vdash</td><td>┢</td><td>-</td><td></td><td>-</td><td></td><td></td><td></td><td></td><td>65</td><td>-</td><td>_</td><td>\vdash</td><td>_</td><td></td><td>\vdash</td><td>Γ</td></t<>			1	\vdash	\vdash	┢	-		-					65	-	_	\vdash	_		\vdash	Γ
17			1		一	T		F	\vdash	_	_	1				Г					Γ
(18) 68 19 68 20 70 21) 71 22) 72 23) 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 84 35 85 36 86 37 87 38 88 39 90 40 90 41 91 42 92 43 94 44 95 46 96 47 97 48 98 49 99			#-	Г	_	-				H		ĺ				\vdash			Г	_	-
19 69 20 70 21) 71 22) 73 24 74 25 75 26 76 27 78 29 79 30 80 31 81 32 83 33 84 35 85 36 86 37 86 38 86 37 87 38 89 40 90 41 92 43 94 44 94 45 96 47 97 48 99		(18)	#	一			_	_		\vdash	一	1			\vdash						-
20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 99						\vdash			-			1				_				\vdash	Г
21 71 72 23 73 73 24 74 74 25 75 76 26 77 77 28 79 78 29 79 80 30 80 81 32 83 83 33 83 83 35 85 85 36 86 85 37 88 88 39 90 90 41 91 91 42 92 93 43 94 94 44 94 96 47 97 98 48 99 99			#	一	\vdash	T		\vdash	_	┢		1		70		_				Г	Г
22) 1 72 73 24 74 74 74 25 75 75 76 26 76 77 77 28 79 79 80 30 80 81 82 33 81 82 83 34 84 85 86 37 87 87 88 38 88 89 90 40 90 90 90 41 91 91 94 42 92 92 94 43 93 93 94 44 94 99 99			1					Г		\vdash	\vdash	1			Γ					Г	Г
23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 88 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98		(22)	1								Г	1		72		П		Γ	\Box	Г	Г
24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 88 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98		23)	=		_	ļ		Г		Г		1		73		Г	_	Г		Г	Г
25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 99		24			П				Г			1				_		Г	Г	Г	Г
26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 99			Π	П		П						1								П	
27 28 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98		26		П		Г]		76							
29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		27																			
30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		28						L]		78				_	匚		L
31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99]							L	L	L
32 82 33 83 34 84 35 85 36 86 37 87 38 87 39 88 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		30				L				Ŀ]		80			L		L	L	L
33 83 34 84 35 85 36 86 37 88 38 87 38 88 39 90 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99														81	L					L	L
34 84 35 85 36 86 37 88 38 87 39 88 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		32							L		_				<u> </u>		L	<u>L</u> .	<u> </u>		L
35		33						_	L	L.	L			83	_		L		<u> </u>	L_	L
36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	L			_	L			_	<u> </u>	<u></u>	L		<u> </u>	84		_	<u> </u>	_	L.	L.	Ļ
37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u></u>		_	<u> </u>	_	_		<u> </u>	_	<u> </u>	 		<u> </u>	85	\vdash	_		<u> </u>	<u> </u>	<u> </u>	\vdash
38 88 39 90 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u></u>	36	<u> </u>	<u> </u>	L_	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>				86	_	<u> </u>	<u> </u>		L.	\vdash	L
39	<u></u>		<u> </u>	_	<u> </u>	<u> </u>		<u> _</u>	<u> </u>	_	\vdash	1	<u> </u>		_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	\vdash	L
40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u></u>		₩	 	ļ	<u> </u>		-	ļ	—	\vdash	1	<u> </u>		—	<u> </u>		 	\vdash	\vdash	\vdash
41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u></u>		├	 	Ь.	↓	<u> </u>	ऻ_	<u> </u>	<u> </u>		l	<u> </u>		_	<u> </u>	\vdash	\vdash	<u> </u>	 	1
42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>		+-	-	├-	├	-	\vdash	<u> </u>	-		1	 			-	\vdash	-	-	├-	-
43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>		\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	_	<u> </u>	-	1	<u> </u>		-	<u> </u>	<u> </u>	<u> </u>	<u> </u>	-	\vdash
44	_		-	⊢	\vdash	₩	⊢	├-		-	-	}	<u> </u>		 	-	\vdash	-	 	├	┝
45	<u> </u>		╀	\vdash	\vdash	\vdash	⊢	\vdash	<u> </u>	<u> </u>	┢	ł	 		-	-	\vdash		-	├	⊦
46	<u> </u>	44	₩	-	\vdash	\vdash	\vdash	\vdash	⊢	\vdash	├	1	<u> </u>	94	\vdash	├	⊢	-	 	\vdash	+
47	<u> </u>		┼	⊢	⊢		⊢	 —	┝	 	 	{	 		 	 	├-	├		-	\vdash
48 98 99 99 99 99 99 99 99 99 99 99 99 99	-		+	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	-	1	<u> </u>		\vdash	-	⊢	-	├	\vdash	+
49 99 99	-		+-	+	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	1	<u> </u>		\vdash	-	⊢	 	-	-	+
			-	-	-	├-	 	-		-	\vdash	1	 		\vdash	-	-	\vdash	 	\vdash	+
			+	-	-	+-	\vdash	-	\vdash	\vdash	1	1			\vdash	-	-	 —	┢	┼	\vdash
	L	1 30	1	1			1		1	<u> </u>	1	1	L	1100		<u> </u>		<u></u>	Ц_	ــــــ	

Cla	im	Date										
				\neg								
Final	Original											
	51			\exists		\exists		\dashv	┪	_		
	52											
	53								\neg			
	54		-		\vdash	_	-	_				
	55				\dashv			-				
-	56			-	-		_			-		
	20					-		-		-		
	57					_						
-	58							_				
1	59			_	_							
	60							_				
L	61					_		_				
	62											
	63											
	64											
	65											
	66								j			
	67						·					
	68											
	69						-	_	_	_		
	70						\vdash		-	-		
\vdash	71	_		-	-				Н			
	72			-	\vdash	-			\vdash			
-	73	_	┢	-								
\vdash	74		-	-			-	_				
—	75			-		-				-		
-	76		-	-	\vdash		-					
<u> </u>	76	_		<u> </u>	H	\vdash	_	_	_			
<u> </u>	77	_		-	H	_		_	-	_		
<u> </u>	78	_		_	_	\vdash			_	_		
ļ	79		_	_	<u> </u>	L.	L					
<u> </u>	80				_	_			_			
	81			_	_	_	_		_			
L	82				L.					_		
L	83											
	84		L	<u> </u>		L	L.,					
	85			L								
	86		L	_								
	87		L	L								
	88		L		L							
	89											
	90											
	91											
	92											
-	93		$\overline{}$	I	_		<u> </u>					
	94	\vdash		Г		_	Ι		\vdash	_		
	95	\vdash			 	\vdash	\vdash	_	_			
-	96	\vdash	\vdash	\vdash	\vdash		 	<u> </u>	_	\vdash		
-	97	\vdash	-	\vdash		 	\vdash	-		 		
 	98	\vdash	-	\vdash	\vdash	 	 	 	 	┢		
-	99	\vdash	 	-	\vdash	\vdash	\vdash	 	\vdash	\vdash		
	100	\vdash	 	-	 	 		 	\vdash	-		
								t				

Cla	Date										
										\Box	
	Original										
Final	igi									il	
F	Ö									1	
	101										
	102										
	103				\Box						
	104					_		_		П	
	105		\vdash		\vdash	_	_			Н	
	101 102 103 104 105 106	_	-	-	┝		_	_		Н	
	100	H	\vdash	┝	-			_	-	Н	
	107	_	_	<u> </u>		Н	H	_	-	\vdash	
	108 109	_	_	_					_	Ш	
	109	_	_	_	_	_	_	_	_		
	110			L	_				<u>_</u>	Ш	
	111 112	_	_	_							
	112		L	L	L	L		L	L	L^{-}	
	113	Γ								П	
	114	\vdash	\vdash	Т		<u> </u>	_			П	
	115	\vdash		\vdash	\vdash	\vdash	\vdash		_		
	116	-	-	 	\vdash	\vdash	\vdash	 	\vdash	Н	
-	113 114 115 116 117		_	-	 	\vdash	\vdash	\vdash	\vdash	\vdash	
	117	_	-	-	_		-	\vdash	\vdash	-	
<u> </u>	118	L_	<u> </u>		<u> </u>	<u> </u>		<u> </u>	1		
ļ	119 120 121		_	_	_			<u> </u>			
	120		_		_	_					
	121			ŀ	L	<u> </u>	<u> </u>				
	122 123 124 125 126 127 128 129			П							
	123		Г	Г							
	124		\vdash		_		_				
	125	\vdash	\vdash	\vdash	_	-	_				
-	126	H	\vdash	├-	-	 	┢	-		\vdash	
_	127	\vdash	\vdash	├─	 - -		├	-	╁	\vdash	
	127	⊢	-	├	-	-	├		-	-	
	120	⊢	⊢	┝	⊢	-	-	┝	-	\vdash	
	129	<u> </u>	<u> </u>	_	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	1	
	130 131 132	_		L_		<u> </u>	L	<u></u>	<u> </u>	Ш	
	131			L							
	132			L	_		L				
L	133 134	L	L	L	L		L	L			
	134										
	135								Γ		
	136	\vdash		Г		I^-	\vdash	$\overline{}$			
	137	 			<u> </u>	\vdash		_			
 	138		-	 	-	\vdash	\vdash		 	\vdash	
	139	 	-	\vdash	\vdash	\vdash	\vdash	\vdash	-	-	
	1 40	 	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	-	-	
	140	 	\vdash	⊢	<u> </u>	-	\vdash	<u> </u>	 	-	
	141	<u> </u>	<u> </u>	<u> </u>	_	<u> </u>	<u> </u>	<u> </u>	-		
	142	<u> </u>	<u> </u>	<u> </u>	_	<u> </u>	<u></u>	<u> </u>	<u> </u>	\vdash	
L	143	_				L	L				
	144					L					
	145				П		Γ,		T		
	146				\Box	П	\vdash				
	147	Ι-	t	1	\vdash	 		Г	1	\vdash	
 	148	 	 	┢	 	-	\vdash	\vdash	\vdash	 	
 	140	 	⊢	-	-	-	\vdash	├	\vdash	-	
<u> </u>	149	 	├-		├_	 	 	!	├-	⊢	
L	150		<u></u>	<u></u>	<u></u>	<u></u>	<u> </u>	<u>L</u>	_	<u> </u>	